Datasheet for ABIN7603196

anti-APOBEC3C antibody (N-Term)

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Overview

Quantity:	100 µg
Target:	APOBEC3C
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APOBEC3C antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-APOBEC3C Antibody Picoband®
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of human APOBEC3C.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-APOBEC3C Antibody Picoband® (ABIN7603196). Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	APOBEC3C
Alternative Name:	APOBEC3C (APOBEC3C Products)
Background:	Synonyms: APOBEC3C, APOBEC1L, PBI, DNA dC->dU-editing enzyme APOBEC-3C, A3C, EC 3.5.4.38, APOBEC1-like, Phorbolin I Background: DNA dC->dU-editing enzyme APOBEC-3C is a protein that in humans is encoded by the APOBEC3C gene. This gene is a member of the cytidine deaminase gene family. It is one of seven related genes or pseudogenes found in a cluster thought to result from gene duplication, on chromosome 22. Members of the cluster encode proteins that are structurally and functionally related to the C to U RNA-editing cytidine deaminase APOBEC1. It is thought that the proteins may be RNA editing enzymes and have roles in growth or cell cycle control.
Molecular Weight:	23 kDa
Gene ID:	27350

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Immunohistochemistry, 2-5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human 1. Harris, R. S., Petersen-Mahrt, S. K., Neuberger, M. S. RNA editing enzyme APOBEC1 and some of its homologs can act as DNA mutators. Molec. Cell 10: 1247-1253, 2002. 2. Jarmuz, A., Chester, A., Bayliss, J., Gisbourne, J., Dunham, I., Scott, J., Navaratnam, N. An anthropoid-specific locus of orphan C to U RNA-editing enzymes on chromosome 22. Genomics 79: 285-296, 2002. 3. Stauch, B., Hofmann, H., Perkovic, M., Weisel, M., Kopietz, F., Cichutek, K., Munk, C., Schneider, G. Model structure of APOBEC3C reveals a binding pocket modulating ribonucleic acid interaction required for encapsidation. Proc. Nat. Acad. Sci. 106: 12079-12084, 2009.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.